

CD NO.

NO. OF PAGES 4

NO. OF ENCLS.
(LISTED BELOW)

DATE OF REQ.		SUPPLEMENT TO REPORT NO.
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|-----------------------------|--------------------------------------|
| Plant director | (fnu) Křehov |
| Rolling mill | (fnu) Mrkacek |
| Distribution section | Josef Sedy |
| Boring tubes | Jaroslav Stangl |
| Masts | (fnu) Madie |
| Machine shop | (fnu) Horych |
| Tool section | Oldřich Matous |
| Business and administration | Dr. Korinek |
| Legal section | Dr. Holub |
| Training | Dr. Antonín Havlíček, František Kriz |
| Planning section | Ing. (fnu) Hybs |
| Improvement suggestions | Ing. (fnu) Sruc |
| Organization | (fnu) Horejs |
| Safety section | (fnu) Jednorozec |

3. The plant produces the following:

- a. Rolled pipe of 20-500 mm. diameter in lengths of 4-12 meters.
- b. Alloy metal pipe of 42 mm. diameter and wall thickness of 2-4 mm.; alloys "ALC", "AKL" and "AKX" are used.
- c. Boring tubes (for naphtha).
- d. Coils. 1
- e. Gas cylinders.
- f. Masts. 2

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4. It is reported that the machine and tool shops of the plant produce parts for Zbrojovka (Arms Factory) Brno. The plant also produces measuring instruments, tools and other technical appliances for its own use.
5. The plant uses its own trucks to pick up materials in small quantities from the freight depots in Kladno and Trinec. Sulphuric acid is transported to the plant in railroad tank cars from the Stalin Works in Most. One tank car arrives per month. Heavy materials are delivered by rail directly to the plant.
6. Seventy to eighty percent of the plant production reportedly is sent to Russia and China. The shipping department applies green and yellow markings to pipes of 500 mm. Products with yellow markings allegedly go to Russia.

7. Plant Equipment, Production, Personnel by Sections

I Rolling mill (roll-stand # 1)

- a. Two furnaces (feeding both roll-stands # 1 and # 2) with a capacity of 65,000 kg. (40-45 ingots) each. The furnaces are about 40 years old and are repaired almost every other month. 18-20 workers.
- b. A block machine (Blockmaschine) serving both roll-stands. A blockmotor, about 35 years old, with one operator.
- c. An electrically-powered device for lifting the ingots out of the furnace (sarsovací stroj), about 15 years old. Two operators.
- d. A 20-year old crane (Kabinenkran). Lifting capacity is 1,500 kg. One operator.
- e. A travelling crane (Brückenkran) serving roll-stands # 1 and # 2, about 15 years old. Lifting capacity is 8-12,000 kg. One operator.
- f. A roller frame (Walztuhl), about 35 years old. 10 workers.
- g. A saw (Segmentáž), diameter about 2,000 mm.
- h. A weighing device (Hauptwaage/Brückenkonstruktion), about 6 years old. 2 female operators.
- i. Foremen are (fnu) Cabadař, (fnu) Tegl and (fnu) Formanek.

II Roll-stand # 2

- a. An electrically-powered roller frame, about 35 years old. 10 workers.
- b. A crane (Kabinenkran).

III Roll-stand # 3

- a. A 30-year old furnace with a capacity of 40-50,000 kg. 20 workers.
- b. A 30-year old block machine (Blockmaschine). An electric rotor for the ingot machine, about 30 years old. 1-2 operators.
- c. Two roller frames (Walztühle). 20 workers.
- d. Two lifters (Aufheber) for thorns (trny). Air-pressure operated.
- e. Two cranes about 15 years old.
- f. A travelling crane serving roll-stands # 3 and # 4. Lifting capacity is 10-15,000 kg. One operator.

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IV Roll-stand # 4

- a. Two furnaces with a capacity of about 30,000 kg. each. 16 workers (mostly apprentices).
- b. A block machine, about 30 years old. Processes up to 150 pieces per hour. 6 workers.
- c. Two 40-year old roller frames. Process 60 pieces (small diameter pipes) per hour. 15 workers. One electric motor serving the two roller frames. 1-2 operators.
- d. A weighing machine, up to 300kg. capacity. One female operator.
- e. A crane with 1,500 kg. capacity. One operator.
- f. A cold-cutting circular saw, diameter about 1,000 mm. (Spendel-system). One female operator.
- g. The steel is transported by hand from the furnaces to the "ingot" machine and then to the roller frame by the use of large clamps moving on rollers.
- h. The superintendent of roll-stand # 4 was (fnu) Hrstka, who was reportedly relieved in March by Vojtech Novak. Foremen are (fnu) Lunak, (fnu) Kolar and (fnu) Marek.

V Roll-stand # 5

- a. One oven, unknown capacity.
- b. A block machine, capacity about 300 pieces per hour.
- c. Two roller frames.
- d. A cold-cutting circular saw.
- e. The entire roll-stand is mechanized. Not operating because of the lack of trained personnel. The installation was constructed by Tecnomasio Italiano, Brown and Boveri, Milan. About 10 years old.

VI Metal drawing section

- a. About three furnaces.
- b. Six stamping machines (buchar).
- c. Three drawing machines (Ziehstühle).

VII Processing section (Ausstattungsabteilung)

- a. About 14 pipe-cutting lathes (upichovacka).
- b. About 4 hydraulic pressure testers.

VIII Enlarging section (Verbreitungsabteilung)

- a. One furnace.
- b. One installation for enlarging (verbreitern).
- c. Two to four oxy-acetylene cutters.

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- d. Two travelling cranes. Lifting capacity of about 15,000 kg.
- e. During one shift this section employs 35-40 workers.

IX Forge

- a. One furnace.
- b. Three 40-year old stamping machines (steam). Repeating thrusts (Serienschlge) of about 1,000 kg.
- c. A 30-year old stamping machine (steam) for single thrusts of 2,000 kg.
- d. Three hydraulic presses.
- e. A 50-year old lathe (3,500 mm.).
- f. A 30-year old planer.
- g. A travelling crane. Lifting capacity about 8,000 kg.
- h. During one shift this section employs about 16 workers.

X Machine shop

- a. About two 30-year old lathes. Approx. 5,000 mm.
- b. About two 6-year old lathes. Approx. 5,000 mm.
- c. Two high-speed lathes (1,500 x 250 mm.). Two and eight years old. (TOS and MAS models).
- d. Two 5-year old TOS lathes. (2,500 x 350 mm.).
- e. A 20-year old Marathon lathe.
- f. An unidentifiable lathe.
- g. About 2 or 3 old lathes with transmission gears. The oldest lathe was built in 1887.
- h. A 5-year old planer. About 7,000 mm. long.
- i. Two 30-year old planers about 1,500 mm. long.
- j. About two Sheerping stamping machines. About 30 years old.
- k. About 3 horizontal and vertical milling machines. 5-10 years old.
- l. Two metal saws.
- m. One "Reissplatte mit Heizung".
- n. A travelling crane with lifting capacity of about 10,000 kg.
- o. Approx. 6-10 miscellaneous grinding and drilling machines.
- p. Approx. 60 workers are employed in one shift. Superintendent is (fmu) Horych, assisted by (fmu) Klempt.

XI Machine tool section

- a. Four turret lathes. About 8-10 years old.
- b. Two Glaess lathes. About 20 years old. Length approx. 2,000mm.

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9. It is reported that the plant has an average material reserve of 1,500-2,000 tons. Most of this is steel ingots having a diameter of 10-500 mm. The pieces of small diameter are up to 3 meters long; the large diameter pieces range in length from 100 to 150 cm. The large diameter pieces bear red, yellow, green, blue or black markings. A small portion of the material reserve, about 50-60 tons, is made up of hollow alloy tubing with a length of 50-150 cm, and a diameter of 70-160 mm.
10. The plant reportedly employs approximately 3,000 persons. Women, ranging in age from 18 to 55 years, constitute 30% of the plant labor force. An additional 30% is made up of brigade workers (men and women) who have been employed 6 months or more. Among the laborers is a large group of former clerical, administrative, commercial personnel. Training in welding, lathe operation, etc. is given to former business men and administrative personnel.
11. Wage scales are as follows (net per month):

heavy work	5,000 - 9,000 Kcs
light work	3,000 - 5,000 Kcs (sometimes 2,000-3,000 Kcs)
apprentices	900 Kcs (less board and room charge)
superintendents and foremen	12,000 - 45,000 Kcs
German precision workers	3,000 - 4,500 Kcs
women (piece-work)	1,200 - 4,500 Kcs
female attendants	1,200 - 1,500 Kcs
coffee girls	1,500 - 1,800 Kcs
12. The plant cafeteria feeds 1,000 persons per day. Prices are as follows:

black coffee	1 Kcs
soup	2 Kcs
noon meal	7 Kcs
evening meal	8 Kcs
Sunday noon meal	9 Kcs

Ration stamps are required to eat at the cafeteria.
13. Dental and medical care are free. The workers are reported to be dissatisfied with the care.
14. Every plant worker must be a member of the ROH trade union. There is also a Communist organization (KSC) in the plant which receives special privileges. Its members are usually superintendents and foremen. Other organizations are as follows:
 - Czech Youth Group (CSM)
 - Czech-Russian Friendship League (SCSP)
 - Czech National Aero Club (S.)
 - Athletic Club (Sokol)
 - Cultural Club (Zavodni klub)
15. The plant security force numbers 20-25 men. Gray-black uniforms with no insignia are worn. The guards are armed with 7.65 mm. pistols. The security force uses watchdogs in patrolling the limits of the plant area. The security force checks the passes of workers entering or leaving the plant. Individual checks are superficial. Workers have free access to all buildings within the plant compound.
16. New employees receive a temporary pass. Old employees have a permanent pass bearing the employee's photograph. All passes bear numbers which are entered in a central administrative file.

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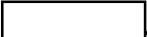


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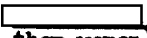
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2.  Comment: Previously described as power line masts, step-back pyramidal shape.

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3.  Comment: Employees were reported to number 2500 (one third of them women) as of September 1950.

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